

Converting Colors

Hex(3D6A7F)

Have a look what the booklet for
Hex(3D6A7F) contains.

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Color

Hex(3D6A7F)

Conversions

Conversions Part 1

Format	Color
Hex	3D6A7F
RGB	61, 106, 127
RGB Percent	24%, 42%, 50%
CMY	0.7608, 0.5843, 0.5020
CMYK	0.52, 0.17, 0.00, 0.50
HSL	199°, 35%, 37%
HSV	199°, 52%, 50%
XYZ	10.9093, 12.8325, 21.9806
YIQ	94.9390, -33.5610, -3.0090

Conversions

Conversions Part 2

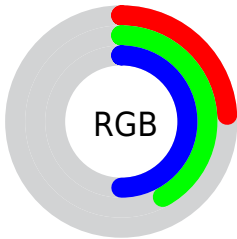
Format	Color
RYB	61, 88, 127
Decimal	4024959
CIELab	42.51, -9.21, -16.45
CIELCh	43, 18.848, 240.759
Yxy	12.8325, 0.2386, 0.2807
Android (android.graphics.Color)	4282215039 (0xFF3D6A7F)
YUV	94.9390, 15.8061, -29.7645
Hunter-Lab	35.8224, -8.3294, -11.3046

Details

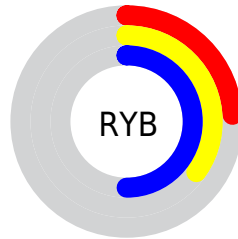
The Hex color **3D6A7F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F523D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **719DB4**, and **003B4E** is the 20% darker color. If you saturate the color by 10%, you get **30667F**, and if you desaturate by 10%, it is **4A6E7F**.

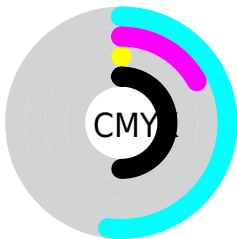
Distribution



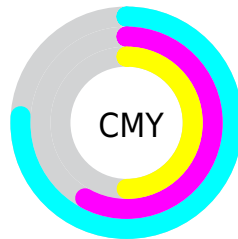
- Red (24%)
- Green (42%)
- Blue (50%)



- Red (24%)
- Yellow (35%)
- Blue (50%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (50%)



- Cyan (76%)
- Magenta (58%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6A7F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3D6A7F by changing the saturation by 10% instead.

■ 3D6A7F

■ 3D6A7F

FFFFFF

■ 225266

■ 719DB4

■ 003B4E

■ 8CB8CF

■ 002537

■ A7D4EC

■ 001122

■ C3F0FF

■ 000009

■ DFFFFF

■ 000000

■ FFFFFFFF

■ 3D6A7F

■ 3D6A7F

■ 30667F

■ 4A6E7F

■ 24627F

■ 56727F

■ 175E7F

■ 63767F

■ 0A5A7F

■ 707A7F

■ 00577F

■ 7D7E7F

■ 89827F

■ 96867F

■ A38A7F

■ AF8E7F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



356D74



3D6A7F



516683

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3D6A7F



825965



5E6849

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3D6A7F



7F523D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6F6345



3D6A7F



835A55

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3D6A7F



795B74



7C5E4A



4D6C55

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3D6A7F



606281



7C5E4A



646747

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3D6A7F



8B9DA6



3D7F52



444F54



D4D4D4



545454

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3D6A7F



3F85A6



3D497F



393E40



005780



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7F3D6A



A63F85



7F733D



40393E



800057



000000

Previews

White Background



This preview shows how the Hex color 3D6A7F looks on a white background.

Color Contrast Check

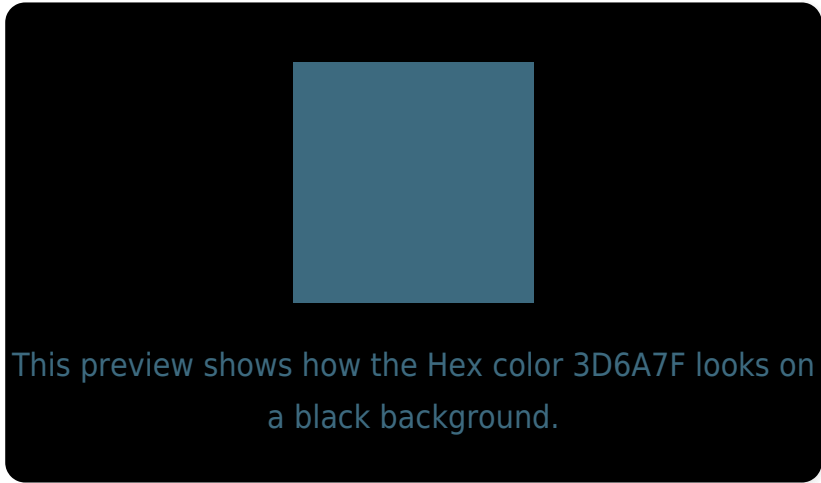
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

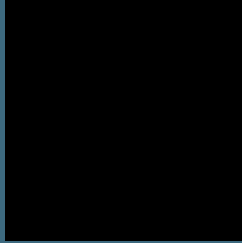
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3D6A7F Background



This preview shows how black text looks on a background with the Hex color 3D6A7F.



This preview shows how white text looks on a background with the Hex color 3D6A7F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
3D6A7F

Protanopia
5F637A

Deuteranopia
5E6281



Tritanopia
396C75

Trichromacy



Original Color
3D6A7F

Protanomaly
53667C

Deuteranomaly
526580

Tritanomaly
3A6B79

Monochromacy



Original Color
3D6A7F

Achromatopsia
5F5F5F

Achromatomaly
53636B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6A7F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3D6A7F looks like.

```
.text, #text, p{  
    color:#3D6A7F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3D6A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6A7F
}
```

Border

The CSS property to change the border of an element to Hex 3D6A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D6A7F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3D6A7F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3D6A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6A7F; -webkit-box-shadow:4px 4px  
4px 4px #3D6A7F; box-shadow:4px 4px 4px  
4px #3D6A7F }
```

Background

The CSS property to change the background color of an element to Hex 3D6A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6A7F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3D6A7F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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